

**BROOKINGS MUNICIPAL UTILITIES
d/b/a SWIFTEL COMMUNICATIONS
P.O. Box 588
525 Western Avenue
Brookings, SD 57006**

Via ECFS Electronic Filing

Marlene H. Dortch
Office of the Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, DC 20554

Attn: John B. Muleta, Chief, Wireless Telecommunications Bureau
David H. Solomon, Chief, Enforcement Bureau

**Re: Brookings Municipal Utilities d/b/a Swiftel Communications
CC Docket No. 94-102**

E-911 INTERIM REPORT

Dear Ms. Dortch:

Brookings Municipal Utilities d/b/a Swiftel Communications (“Swiftel”) is the licensee of Broadband PCS Station WPOI260 (partitioning the Sioux Falls and Watertown, SD BTAs from the Minneapolis-St. Paul MTA A-Block license) and Station WPQL803 (partitioning the Sioux City, IA BTA from the Des Moines-Quad Cities MTA B-Block license). Swiftel operates its PCS systems pursuant to an affiliation arrangement with Sprint PCS, whereby the parties have agreed to utilize certain common technical and marketing platforms.

In accordance with the *Non-Nationwide Carrier E911 Order* in Docket No. 94-102¹ and the Commission’s related Public Notice, DA 03-2113 (*rel.* June 30, 2003), we hereby submit our report on the status of implementation plans for Wireless E911 Phase II Automatic Location Information, as follows:

I. The number of Phase I and Phase II requests from PSAPs (including those the carrier may consider invalid):

The PSAPs serving the areas where Swiftel is providing service are the Brookings Police Department in Brookings County, SD; the Clay County Sheriff’s Department in Clay County, SD; the Watertown Police Department in Coddington County and Deuel County, SD; the Lincoln

¹ See Revision of the Commission’s Rules to Ensure Compatibility with Enhanced 911 Emergency Calling Systems, CC Docket No. 94-102, *Order to Stay* (*rel.* July 26, 2002) (“*Non-Nationwide Carrier E911 Order*”) at paras. 34-35. Swiftel is listed in Appendix A of the *Non-Nationwide Carrier E911 Order* as one of the carriers that had filed a request for waiver of the Commission’s E-911 Rules.

County Sheriff's Department in Lincoln County, SD; Minnehaha Metro Communications in Sioux Falls, SD; Moody County Sheriff's Department in Moody County, SD; the Union County Sheriff's Department in Union County, SD; the State of Iowa Emergency Management Division in Woodbury County and Plymouth County, IA; and the Dakota County Law Enforcement Center in Dakota County, NE.

To date, Swiftel has received three (3) requests for Phase I (cell site/sector location) E-911 service, and no (0) requests for Phase II service from PSAPs in its licensed service area. In order of receipt, these Phase I requests came from Minnehaha Metro Communications (on 11/30/01), Dakota County Law Enforcement Center (on 12/10/01), and the State of Iowa Emergency Management (on 06/14/02). The received date indicates the date on which Swiftel first became aware of the PSAP's request, even if the PSAP may not have met the prerequisites of Rule Section 20.18 at that time. A brief summary of Swiftel's Phase I deployment activities with respect to each PSAP request will follow below.

Minnehaha Metro Communications

Upon receipt of the Phase I request from Minnehaha Metro, Swiftel immediately began working with the PSAP and an E-911 Coordinator for Sprint PCS to fulfill the request. The Sprint PCS staff person acted as Swiftel's primary contact with Intrado, Inc. ("Intrado"), the company Sprint PCS has hired to perform database management and PSAP coordination and connectivity for the Sprint PCS nationwide network (including all Sprint PCS affiliates). In the Spring of 2002, representatives of Minnehaha Metro acknowledged to Swiftel that their request for Phase I service had been premature, and they asked to delay implementation due to PSAP funding limitations.² Phase I deployment remained on hold due to this situation for approximately six months. In December of 2002, after Swiftel had installed its new Nortel MTX wireless switch, Minnehaha County advised Swiftel that their PSAP funding issues had been resolved and the Phase I implementation project got back on track. Testing was subsequently conducted and full deployment of Phase I service to Minnehaha Metro was completed in March of 2003.

Dakota County Law Enforcement Center

Upon receipt of the Phase I request from Dakota County, Swiftel immediately began working with the PSAP and an E-911 Coordinator for Sprint PCS to fulfill this request. There was some initial delay due to uncertainty about PSAP readiness and the status of PSAP funding in Nebraska, where Swiftel provides service from two cell sites. Further delays in the deployment of Phase I service came in coordination of trunk ordering and implementation through Qwest. In February 2003, Swiftel made significant progress on resolving these issues with Qwest, and Phase I implementation could once again proceed. Swiftel expects to complete testing and full implementation of Phase I service to Dakota City in the coming weeks.

² Swiftel provided the Commission with evidence of these Sioux Falls PSAP funding issues in support of its September 2001 request for waiver of the Commission's E-911 Rules. See Article from Sioux Falls Argus Leader of August 10, 2001, included as Attachment A to Swiftel's Request for Temporary Waiver of Rule Section 20.18(g), CC Docket No. 94-102, filed September 27, 2001. ("Swiftel Request for Temporary Waiver").

State of Iowa Emergency Management Division

Upon receipt of the Phase I request from the State of Iowa Emergency Management Division, Swiftel immediately began working with the Iowa PSAP and an E-911 Coordinator for Sprint PCS to fulfill this request. As with the Dakota County Phase I deployment, Swiftel encountered initial delays in coordination of trunk ordering and implementation through Qwest. Swiftel also encountered funding issues arising from the Iowa PSAP's request to have Swiftel deliver Sioux City 911 calls across the state to Des Moines. In February of 2003, Swiftel resolved these issues with the Iowa PSAP, and Phase I implementation proceeded in earnest. Swiftel expects to complete its testing and full implementation of Phase I service to the Iowa PSAP in the coming weeks.

II. The carrier's specific technology choice (i.e., network-based or handset-based solution, as well as the type of technology used):

As described above and in various E-911 reports and related filings with the Commission,³ Swiftel operates its broadband PCS systems pursuant to an affiliation arrangement with Sprint PCS. Swiftel is therefore taking similar measures to achieve E-911 Phase II compliance as Sprint PCS. In this regard, Swiftel has chosen to deploy an assisted GPS (A-GPS) handset-based ALI technology.

III. Status on ordering and/or installing necessary network equipment:

Deployment of full Phase II capability in Swiftel's broadband PCS network will require no additional network elements or hardware.⁴ It is Swiftel's understanding that the minimum switch software requirement to provide Phase II capability on a Nortel CDMA system is MTX10.⁵ Swiftel completed installation and testing of the MTX10 software load in its wireless switch in December of 2002. It has scheduled a further upgrade to the MTX11 software load in the Fall of 2003. To implement Phase II service, the only thing that needs to be activated are Service Order Codes (SOCs) and certain software "patches" need to be applied to the MTX switch.

³ See, e.g., E-911 Status Report of Brookings Municipal Utilities d/b/a Swiftel Communications, CC Docket 94-102 (filed November 9, 2000); Swiftel Quarterly TTY Implementation Report of April 2001 (filed April 16, 2001); *Swiftel Request for Temporary Waiver*.

⁴ Swiftel notes that it has some legacy BTS equipment in its market that may need to be replaced or upgraded in order to implement full Phase II capability from several low-volume cell sites. Swiftel already has plans to replace this BTS equipment in the normal course of business and will likely have these sites fully upgraded before the Company receives any Phase II requests.

⁵ Swiftel's understanding comes from reports of network testing activity by Sprint PCS.

To date, Swiftel has not encountered any problems with ordering and/or installation of such software upgrades. The necessary SOC's and software patches for Phase II service are covered in Swiftel's current vendor contracts and are currently available to Swiftel. These software upgrades will be ordered and implemented upon receipt of a valid Phase II request.

IV. If the carrier is pursuing a handset-based solution, the Report must also include information on whether ALI-capable handsets are now available, and whether the carrier has obtained ALI-capable handsets or has agreements in place to obtain these handsets:

Location-capable handsets are currently available to Swiftel through its handset purchasing agreement with Sprint PCS. This contractual arrangement is designed to allow Swiftel to obtain the benefits of Sprint's volume purchasing discounts and is vital to Swiftel's business case. As discussed below, it has also speeded the availability of location-capable phones to Swiftel's customers.

Swiftel placed its first order for location-capable handsets with Sprint in October of 2001 and these handsets were received on November 7, 2001. Swiftel has been selling and activating a variety of location-capable handsets since that time and does not anticipate any problems in marketing ALI-capable handsets to its customers.

V. The estimated date on which Phase II service will first be available in the carrier's network:

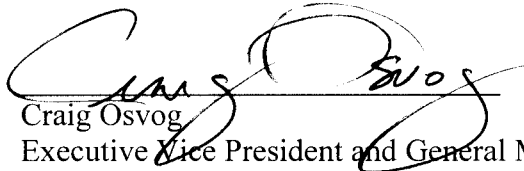
The estimated date on which Phase II service will first be available in Swiftel's network is dependent on Swiftel's receipt of a valid PSAP request for Phase II service. Upon receipt of a valid PSAP request, Swiftel believes that it will be able to provision this capability in as few as ten business days, as it installs and tests the necessary SOC's and software patches, assuming that there are no unexpected trunking or PSAP integration issues.

VI. Information on whether the carrier is on schedule to meet the ultimate implementation date of December 31, 2005:

As noted above, Swiftel's broadband PCS network is fully capable of supporting E-911 Phase II service at this time. Assuming Swiftel receives a valid PSAP request for Phase II service before this time, Swiftel is on schedule to meet the ultimate E-911 Phase II implementation date of December 31, 2005.

Respectfully submitted,
Brookings Municipal Utilities d/b/a
Swiftel Communications

By


Craig Osvog
Executive Vice President and General Manager

Dated: July 24, 2003

cc: via e-mail to E911compliancereports@fcc.gov

Please refer all inquiries and correspondence to:

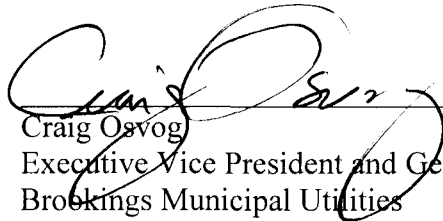
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AFFIDAVIT OF CRAIG OSVOG

I, Craig Osvog, do hereby declare under penalty of perjury under the laws of the United States of America that the following is true and correct:

1. I am Executive Vice President and General Manager of Brookings Municipal Utilities d/b/a Swiftel Communications ("Swiftel"). In this capacity, I am familiar with Swiftel's E-911 deployment efforts.
2. I have read the foregoing E-911 Interim Report for Swiftel and to the best of my knowledge, information, or belief, all of the information contained in the report is truthful and accurate.

Dated this 24th day of July, 2003

A handwritten signature in black ink, appearing to read "Craig Osvog", is written over a horizontal line.

Craig Osvog
Executive Vice President and General Manager
Brookings Municipal Utilities
d/b/a Swiftel Communications